

Claims

- [c1] I claim:
1. a portable campfire comprising:
a pressurized fuel source;
a windscreen body that supports and protects the burner and flames;
a burner that lays in the windscreen body and becomes the source of the visual form that is the campfire fireball;
folding legs that connect to the windscreen body to space the campfire off the ground surface and provide stability to the windscreen body.
- [c2] [Claim Reference]2. The portable campfire as in claim 1, wherein the pressurized fuel source comprises; a pressurized fuel source, a high-pressure regulator and a high pressure hose to transport the fuel to the burner.
- [c3] [Claim Reference]3. The portable campfire as in claim 1, wherein the windscreen body comprises; an aluminum plate to form the windscreen.
- [c4] [Claim Reference]4. The portable campfire as in claim 3, wherein the aluminum plate reflects and dissipates the heat.

- [c5] [Claim Reference]5. The portable campfire as in claim 3, wherein the aluminum plate is bent in a shape that has irregular edges that produce a multiplicity of vortices that buffer the wind interface with the flames on the burner;
- [c6] [Claim Reference]6. The portable campfire as in claim 1, wherein a round tube is used as a manifold built without a primary air source to prevent any mixing of gas with air before ignition.
- [c7] [Claim Reference]7. The portable campfire as in claim 6, wherein the round tube is bent in a annular shape allowing the placement of orifices of different sizes and angles to control the gas, each orifice in the manifold produces an individual flame that when taken in totality forms the shape, texture, and activity that is the campfire fireball.
- [c8] [Claim Reference]8. The portable campfire as in claim 6, wherein the round tube of the manifold is sized to reduce the gas velocity without the need for an input restriction orifice.
- [c9] [Claim Reference]9. The portable campfire as in claim 1, wherein the folding legs comprises a bent rod sturdy enough to support the device, shaped to provide a wide

support base with appropriate ground spacing and further said legs interlock and fold for compact storage.